

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 11741 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Oct 10 2012

See [axaff11741N004\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	63.529958166122

## Comments

A spatial region of the original bias map for CCD = 1 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 1 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:  
(355.60880, -54.32659), (355.60991, -54.32868), (355.83820, -54.28733), (355.83708, -54.28525)

seq_num	800881	Sequence number
obs_id	11741	Observation id
title	Chandra Observations of a Complete Sample of SZE Selected Galaxy Clusters	Proposal title
observer	Dr Joseph Mohr	Principal investigator
object	SPT-CL 2343-5411	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	355.687917	Observer's specified target RA [deg]
dec_targ	-54.189	Observer's specified target Dec [deg]
ra_nom	355.77760308607	Nominal RA [deg]
dec_nom	-54.174730954266	Nominal Dec [deg]
roll_nom	17.281404906825	Nominal Roll [deg]
revision	4	Processing version of data
ontime	63527.09561044	Sum of GTIs [s]
livetime	62697.067338322	Livetime [s]
ontime0	63533.254520774	Sum of GTIs [s]
ontime1	63530.154550552	Sum of GTIs [s]
ontime2	63530.195590556	Sum of GTIs [s]
ontime3	63527.09561044	Sum of GTIs [s]
ontime6	63526.931460381	Sum of GTIs [s]
l2events	238884	Number of level 2 events

